

Notice of Allowability

Application No.

09/608,986

Examiner

Michael J. Simitoski

Applicant(s)

SU ET AL.

Art Unit

2134

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Supplemental amendment of 11/4/2005.
2. ☒ The allowed claim(s) is/are 8-13 and 16-27.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 9/12/2005
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

EXAMINER'S AMENDMENT

1. The IDS of 9/12/2005 was received and considered.
2. The response of 11/4/2005 was received and considered.
3. An examiner's amendment appears on p. 3 of this Office Action.
4. Claims 1-7 & 14-15 are withdrawn as being drawn to a non-elected invention. These claims are canceled by the Examiner's amendment on p. 3 of this Office Action.
5. Claims 8-13 & 16-27 are allowed.
6. The Examiner's reasons for allowance appear on p. 4 of this Office Action.

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7. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Wes Austin (801-537-1700) on 11/10/2005.

The application has been amended as follows:

- a. Please cancel claims 1-7 & 14-15.
- b. Please replace lines 1 and 2 of claim 8 with the following: "A method for providing a single sign-on authentication and privacy, comprising in order:"
- c. Please replace lines 1 and 2 of claim 16 with the following: "A method for providing a single sign-on authentication and privacy, comprising in order:"
- d. Please replace lines 1 and 2 of claim 24 with the following: "An apparatus comprising a computer-readable storage medium having executable instructions that enable the computer to, in order:"
- e. Please replace lines 1 and 2 of claim 26 with the following: "An apparatus comprising a computer-readable storage medium having executable instructions that enable the computer to, in order:"

Allowable Subject Matter

8. Claims 8-13 & 16-27 are allowed.
9. The following is an examiner's statement of reasons for allowance:

Regarding claims 8-13 & 16-27, the Elgamal reference teaches submitting a request, directing to submit a certificate, verifying the certificate, performing a challenge and generating a response, but lacks saving the response as a named cookie. The Samar reference teaches http cookies, where a security token is searched for and a response is generated at the server and is stored by the server on the client. The cited references to Cox and Certicom generally teach an SSL accelerator which offloads SSL performance to a separate machine (extension) where an SSL cache is kept to quickly resume SSL sessions, but lacks storing the response as a named cookie. Thus, the prior relied upon fails to teach or suggest, singly or in combination, the following steps of claims 8, 16, 24 & 26, in order:

searching for a security token, wherein searching is performed by a security filter on a server and operates to search for a security token sent from the client to the server, directing, by a security filter, the client to submit a certificate to the server, performing a challenge which is generated by the security extension on the server, and generating a response to the challenge and saving the response as a named cookie on the client, wherein the response is saved by the client, combination with the other elements of each claim. Claims 9-13, 17-23, 25 & 26 are allowable based on their dependence upon base claims 8, 16, 24 & 26, respectively.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael J. Simitoski whose telephone number is (571) 272-3841. The examiner can normally be reached on Monday - Thursday, 6:45 a.m. - 4:15 p.m.. The examiner can also be reached on alternate Fridays from 6:45 a.m. – 3:15 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory Morse can be reached at (571) 272-3838.

Any response to this action should be mailed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Or faxed to:

(571) 273-8300
(for formal communications intended for entry)

Or:

(571) 273-3841 (Examiner's fax, for informal or draft communications, please label "PROPOSED" or "DRAFT")

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571) 272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

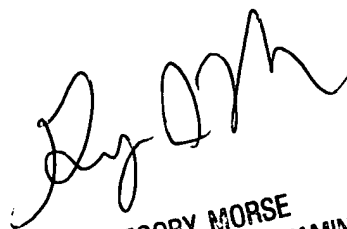
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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



MJS

November 10, 2005



GREGORY MORSE
PATENT EXAMINER
CENTER 2100